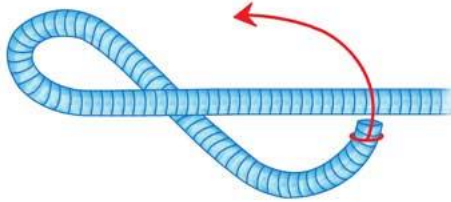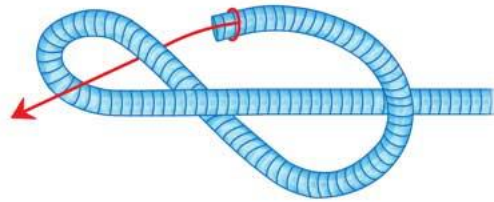1. Replicate tying a Figure Eight Knot by first drawing each step in the boxes below.
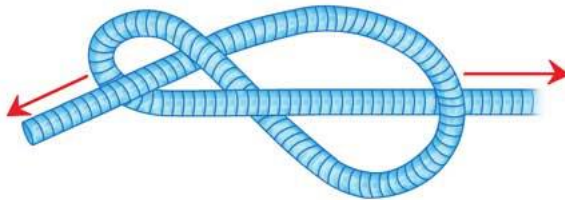
Figure 8 Knot Instructions
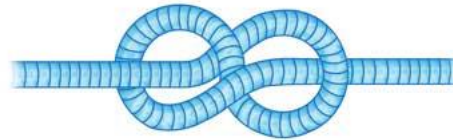
① Make a loop with an end

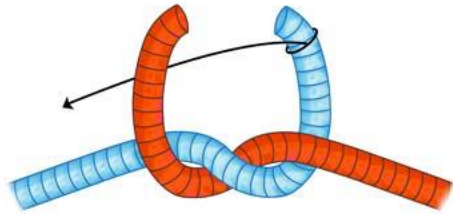② Now pass the end through it

③ Pull both sides to adjust the knot

④ The finished knot resembles an "8"

101KNOTS

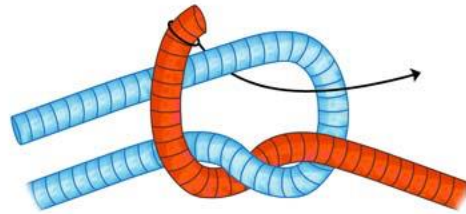|	
1	**2**
3	**4**

After you have drawn each step, find one piece of rope or yarn and try to tie the Figure Eight Knot yourself! You can look back on the video and try to tie it along with Dan.

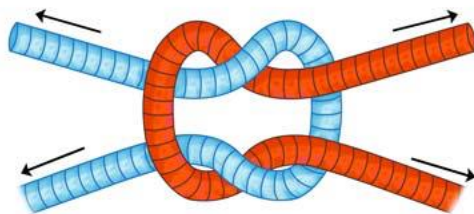2. Replicate tying a Square Knot by first drawing each step in the boxes below.

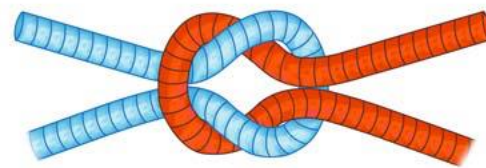# Square (Reef) Knot Instructions

① Cross the blue and red ends

② Pass the red end through the blue loop

③ Pull the ends to tighten

④ The knot is complete

101KNOTS

1	2
3	4

After you have drawn each step, find another piece of rope or yarn so you now have two, and try to tie the Square Knot yourself! You can look back on the video and try to tie it along with Dan.

3. 1 fathom = 6 feet. The chart below provides you with different objects and how long they are in feet. You will be converting their length from feet into fathoms!

*All you need to do is divide the object's length by 6 and you will determine how many fathoms long it is.

Object	Length (in feet)	Calculations	Length (in fathoms)
Blue Whale	84 feet	84 ÷ 6 = ?	**14** fathoms
The *Brig Pilgrim*	90 feet		
Giant Squid	60 feet		
Killer Whale	24 feet		
The *Titanic*	882 feet		